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Waters Agricultural Laboratories, Inc. °°
Manure/Sludge Analysis and Application Report
*P.O. Box 382 * 257 Newton Highway * Camilla, Georgia 31731-0382 * phone: (229) 336-7216*

Ship To:

EDSEL SMITH

6373 BATES PIKE

CLEVELAND, TN 37323

Grower: **EDSEL SMITH**

SampleNumber **1**	Date Submitted: **11/05/2010**
Lab Number: **25138**	Report Date: **11/09/2010**
Type: **SOLID**	

	Percent (%)	Pounds per Ton
Nitrogen - Total	4.25	85
P2O5 - Total	4.9	98
K2O - Total	5.34	106.8

Moisture	10.65 %	

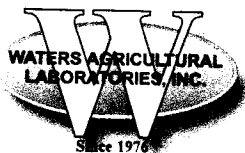**Results Reported On:**   W=WET(AS RECEIVED)BASIS

Remarks

WPC Permit Section

RECEIVED

NOV 1 7 2010

TN Division Of Water
Pollution Control

Waters Agricultural Laboratories, Inc.

P.O. Box 382 257 Newton Hwy Camilla, GA 31730
(229) 336-7216 FAX (229) 336-7967

Soil Analysis

"Improving Growth... With Science"

EDSEL SMITH

6373 BATES PIKE SE

CLEVELAND, TN 373238042

Grower:	EDSEL A SMITH
Farm ID:	
Sample ID:	BASIC

Received:	11/05/2010
Processed:	11/09/2010
Account #:	16535

Lab Results
lbs. per Acre

Lab Number: 246764KC

Target pH: 6.5
Test Method: Mehlich I

P Phosphorus	K Potassium	Mg Magnesium	Ca Calcium	Soil pH	Buffer pH	S Sulfur	B Boron	Zn Zinc	Mn Manganese	Fe Iron	Cu Copper
1046 VH	621 VH	661 VH	5214 VH	6.7	7.50			66.1 VH	39 A		

Aluminum	Sodium	Nitrate N	Soluble Salts mmhos/cm	Organic Matter 4.2 %	ENR 84						

Soil Analysis Ratings
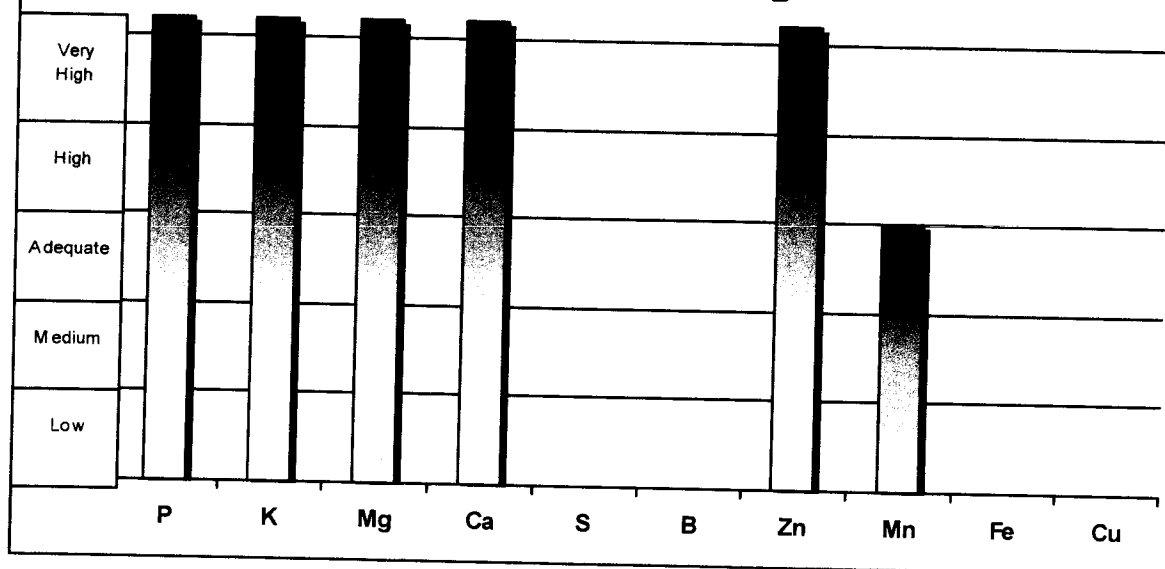
Cation Exchange Capacity	20.6 meq/100g

Base Saturation

K:	3.9 %
Mg:	13.4 %
Ca:	63.3 %
H:	19.4 %
Na:	%

Base Saturation

- ☐ %K
- ■ %Mg
- ☐ %Ca
- ■ %H
- ■ %Na
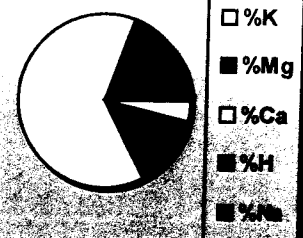
Fertility Recommendations
lbs. per Acre

Crop: PASTURE

Yield: MAX

Lime Tons/Acre	Gypsum Tons/Acre	N Nitrogen	P2O5 Phosphate	K2O Potash	Mg Magnesium	S Sulfur	B Boron	Zn Zinc	Mn Manganese	Fe Iron	Cu Copper
		150									

* = Maintenance Recommendation

Comments:

SPLIT APPLICATIONS OF NITROGEN AND POTASSIUM RECOMMENDED. PLANT SAMPLES SHOULD BE TAKEN DURING THE GROWING SEASON. ADDITIONAL OR SUPPLEMENTAL NUTRIENTS MAY BE NEEDED.

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